

# Lab Rubric: *Density Lab*

Names: \_\_\_\_\_

<i>Section</i>	<b>Requirements</b>	<b>Points Earned</b>	<b>Possible Points</b>
<b><i>Lab Presentation</i></b>	<ul style="list-style-type: none"> <li>-Name is listed</li> <li>-Proper title is given</li> <li>-Lab is dated</li> <li>-Partner(s) name(s) is listed</li> <li>- The lab report is neat, legible, well organized, and has been edited for typos and spelling errors.</li> </ul>		5
<b><i>Focus Question</i></b>	<ul style="list-style-type: none"> <li>- The question accurately probes the purpose of the lab.</li> <li>- The question should help you to further your knowledge of physics/chemistry</li> </ul>		5
<b><i>Experimental Design</i></b>	<ul style="list-style-type: none"> <li>- The general overview is enough to allow a reasonable reader to repeat what you did.</li> <li>- Fully explains WHY you did the experiment using the steps that you listed.</li> <li>- Highlight any special precautions taken, deviations from what everyone else did, etc.</li> </ul>		5
<b><i>Data &amp; Observations</i></b>	<ul style="list-style-type: none"> <li>- ALL Observations are listed in a table.</li> <li>- The data need not be accurate, but data that is clearly wrong is accompanied by an explanation.</li> <li>- A label and a unit head each column.</li> <li>- Observations are very descriptive and demonstrate that thorough attention was paid during the experiment.</li> </ul>		5
<b><i>Evaluation</i></b>	<ul style="list-style-type: none"> <li>- One sample of every type of calculation is shown.</li> <li>- The sample calculation is descriptive enough to allow a reasonable person to follow the process.</li> <li>- All relevant graphs are included.</li> <li>- All graphs are large enough to be easily read.</li> <li>- Each graph has an appropriate scale, labels, units, statistics, etc.</li> </ul>		5
<b><i>Conclusion</i></b>	<ul style="list-style-type: none"> <li>- Interpret the results of your observations and calculations.</li> <li>- State and explain what principle(s) your results illustrate.</li> <li>- Write the answers to the Lab questions in paragraph form.</li> <li>- If your lab results lead to wrong conclusions you should say so. Tell what your results are and then state what the results should have been.</li> <li>- Include percent error if appropriate.</li> </ul>		10
	<b>Total Points</b>		<b>35</b>